Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031660.D
Acq On : 24 May 2024 14:20
Operator : MA/JU
Sample : P2548-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH609

Quant Time: May 24 23:14:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	408816	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	1521386	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	762561	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1343612	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1272527	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1556769	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	23811	2.309	ng/uL	0.00
4) Pyridine-d5	3.605	84	206236	7.165	ng/ul	0.00
7) Phenol-d5	6.852	99	403089	11.978	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	250945	12.433	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	332140	12.808	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	272914	10.476	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	149168	12.955	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	134331	12.217	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	260590	12.121	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	297112	9.588	ng/ul	0.00
46) Dimethylphthalate-d6	13.739	166	715023	14.879	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	883793	14.673	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	78734	8.659	ng/ul	0.00
60) Fluorene-d10	15.322	176	593903	14.260	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	39648	6.825	ng/ul	0.00
73) Anthracene-d10	17.169	188	898309	15.794	ng/ul	0.00
81) Pyrene-d10	19.463	212	1037724	13.001	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	1163055	15.872	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.045	152	126092	1.813	ng/ul	100
72) Phenanthrene	17.110	178	446707	6.551	ng/ul	99
74) Anthracene	17.204	178	119442	1.746	ng/ul	97
80) Fluoranthene	19.133	202	1215192	12.317	ng/ul	99
82) Pyrene	19.498	202	1190676	11.768	ng/ul	99
85) Benzo(a)anthracene	21.286	228	655857	7.664	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.221	149	97926	2.083	ng/ul#	98
87) Chrysene	21.345	228	739471	9.355	ng/ul	98
90) Benzo(b)fluoranthene	23.315	252	1046591	11.520	ng/ul	96
91) Benzo(k)fluoranthene	23.368	252	327361	3.535	ng/ul	98
93) Benzo(a)pyrene	24.104	252	732430	8.393	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.539	276	533233	5.091	ng/ul	99
95) Dibenzo(a,h)anthracene	27.574	278	132703	1.539	ng/ul#	90
96) Benzo(g,h,i)perylene	28.562	276	525831	6.077	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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